16g
PA

PACIFIC
steel and aluminum
ROLLING DOORS

	page
General Information	2-3
Service Doors	4-7
Grilles	8
Labeled Fire Doors	9-11
Counter Doors	12

A.I.A. File No. 16-D13

PACIFIC ROLLING DOOR COMPANY
400 Derby Avenue
Oakland 1, California
Telephone KE 3-1767
DISTRIBUTORS IN PRINCIPAL CITIES

PACIFIC
ROLLING DOORS

Advantages

Custom Design

All "Pacific" doors are custom engineered to meet the specific requirements of the user. As door specialists, "Pacific" engineers assist Architects, Engineers, Contractors and Consumers in every conceivable door problem.

Flexibility of Application

"Pacific" rolling doors have been successfully applied to almost any type of installation. While primarily used in factories, warehouses, commercial buildings and schools, "Pacific" doors have been used with outstanding success on such installations as residences, truck bodies, ships and other various applications.

Practically No Size Limitations

Due to the basic design principles, "Pacific" rolling doors may be built to almost any size requirement. In industrial plants extremely wide doors have become increasingly popular due to the ease in handling a large number of vehicles in a restricted turning area.

Ease of Operation

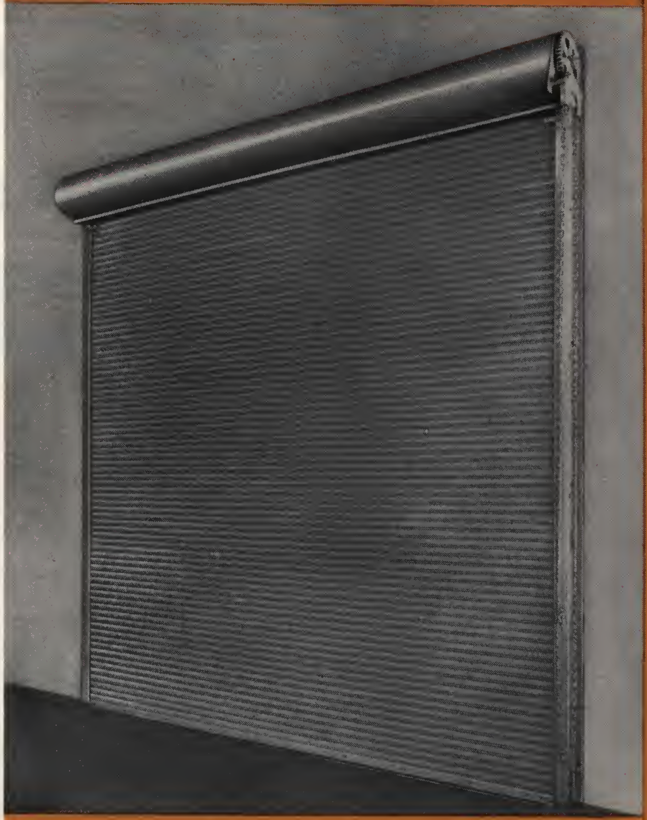
All "Pacific" doors are designed with oversize friction-free bearings specifically designed for the size and weight of each door. The torsion spring counterbalance unit is also specifically designed for each individual application in order to insure the maximum in effortless operation.

Space Saving

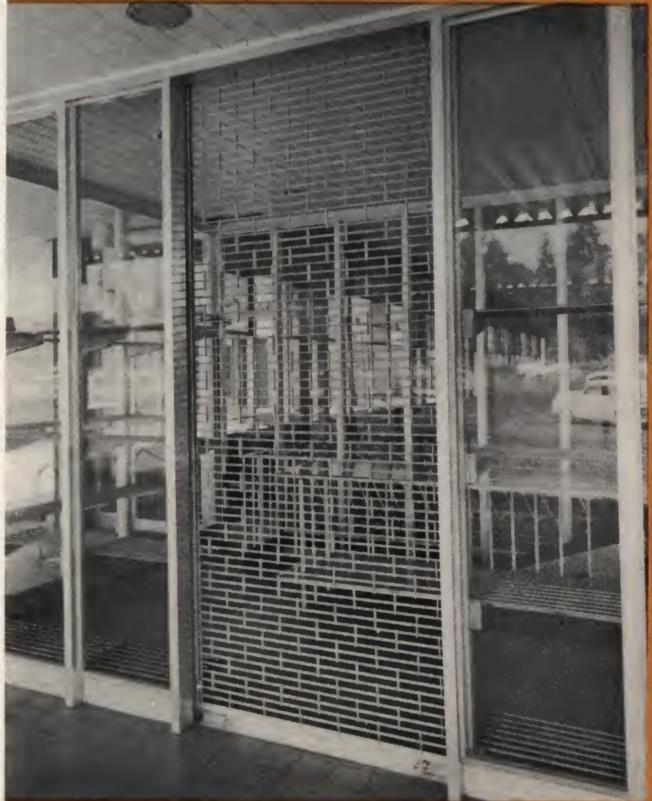
The upward coiling action of "Pacific" rolling doors minimizes operating room. When fully open

TYPES OF

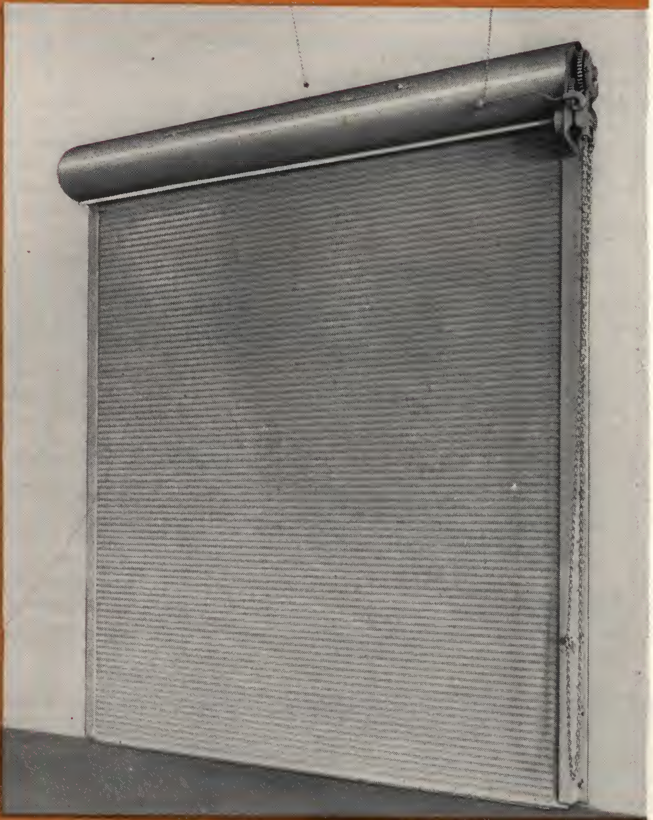
Service Doors



Grilles



Labelled Fire Doors



Counter Doors

the doors do not cover valuable wall space nor do they project up or into the building or in any other way interfere with usable interior space.

Appearance

The trim horizontal lines of "Pacific" rolling doors are completely modern in appearance and at the same time blend pleasingly with any type of existing architecture.

Durability

"Pacific" doors are built to last. Steel rolling door curtains are fabricated from heavily galvanized steel and further provided with a phosphate coating to insure adhesion of the factory applied prime coat of paint. Aluminum door curtains are fabricated from highly corrosion-resistant aluminum alloys. Steel plate brackets, continuous wall angle construction and heavy duty construction throughout are only some of the features which contribute to the overall durability of "Pacific" doors.

Protection

The rugged construction of "Pacific" doors not only provide superior protection against intruders and severe weather conditions but acts as an excellent fire retarder due to the strict use of non-combustible materials. Where maximum fire protection is required, Pacific manufactures automatic fire doors, tested and approved by the Underwriter's Laboratories.

Guarantee

Every "Pacific" door is guaranteed against all defects in material or workmanship for a period of one year from date of installation.

STEEL AND ALUMINUM ROLLING SERVICE DOORS

Specifications

OPERATION

(a) **Manual** — Manually operated by means of handles on footpiece (not recommended for openings over 80 sq. ft. in area).

(b) **Chain** — Mechanically operated through endless hand chain, sprocket, and reduction gears.

(c) **Crank** — Mechanically operated through hand crank box and reduction gears.

(d) **Motor** — Power operated by means of a heavy duty, hoist type, electric gear motor. The gear head of the motor shall consist of precision machine cut gears, completely housed, and running in an oil bath. For use in case of power failure, a control operable from the floor level shall be provided which shall automatically disengage the power unit from the door gear train and engage an emergency hand chain operator. The mechanism shall be so designed that the motor unit may be removed without affecting operation by means of the hand chain operator. Power unit shall include a magnetic reversing starter with overload protection, one three-button pushbutton, and a geared type limit switch directly connected to the main drive gear.

MATERIALS

Curtain

(1) **SLATS** — Curtain shall be composed of interlocking slats rolled from hot galvanized strip steel bearing a zinc coating of 1.25 oz. per square foot of flat metal, per A.S.T.M. standards. Galvanized slats shall be provided with a phosphate coating for paint adhesion. Slats shall have sufficient strength to withstand a wind load of 20 lbs. per square foot. For aluminum doors slats shall be rolled from type 5052-H34 aluminum with a tensile strength of not less than 37,000 p.s.i.

(2) **ENDLOCKS** — Both ends of alternate slats shall be fitted with malleable iron endlocks which shall maintain curtain alignment and protect slats against wear in guides.

(3) **BOTTOM BAR** — Shall be made of two steel angles placed back to back, which shall serve to strengthen the lower edge of the curtain and provide contact with the sill. (For Aluminum doors aluminum angles are substituted.)

Barrel and Counterbalance

(4) **BARREL** — Shall be of steel pipe or casing of sufficient size to avoid deflection in access of .03 inches per foot of opening width. Barrel shall serve to coil curtain and encase spring mechanism.

(5) **SPRINGS** — Shall be helically wound torsion springs of oil tempered spring wire, so designed as to counterbalance the weight of the door curtain.

(6) **BARREL CASTINGS** — Shall be of heavy high grade gray cast iron, accurately machined for perfect fit in barrel. Shall serve to plug ends of barrel and to secure ends of counterbalance springs.

(7) **TENSION SHAFT** — Shall be of cold rolled shafting of sufficient size to carry the torsional load of the counterbalance springs.

(8) **BEARINGS** — The main bearings carrying the full barrel and curtain load, shall be either roller bearings, self-lubricating graphite bronze bearings, or grease sealed self-aligning ball bearing units, depending upon size requirements.

(9) **ADJUSTMENT WHEEL** — Shall be of heavy high grade cast iron. Shall provide easy adjustment of tension in all counterbalance springs.

Brackets

(10) **BRACKETS** — Shall be fabricated from steel plate not less than $\frac{5}{16}$" thick and of sufficient size and thickness to support the total door weight with a high factor of safety. Brackets shall be provided with a means to fasten hood securely. Brackets shall be fastened to supporting wall angle by not less than two ½" diameter bolts.

Reduction Gearing

(11) **GEARS AND SPROCKET** — Shall be of high strength gray cast iron, machine molded from machine cut patterns. Spur gears shall be not less than 4 pitch and all pinions shall be not less than 3" pitch diameter.

(12) **OPERATING CHAIN** — Shall be of hot galvanized chain, without sharp projections and shall be of sufficient strength to prevent stretching.

Hood:

(13) **HOOD** — Shall be made from hot galvanized sheet steel not lighter than No. 24 U.S. gauge and shall be formed with beads or flanges sufficient to prevent deflection.

Guides

(14) **GUIDES** — Shall be fabricated from heavy steel angles not less than $\frac{3}{16}$" thick. Depth of groove shall be sufficient to maintain curtain in guides under a load of 20 lbs. per sq. ft. Wall angles shall be continuous from floor to top of brackets to proportion door load over full height.

LOCKING DEVICES

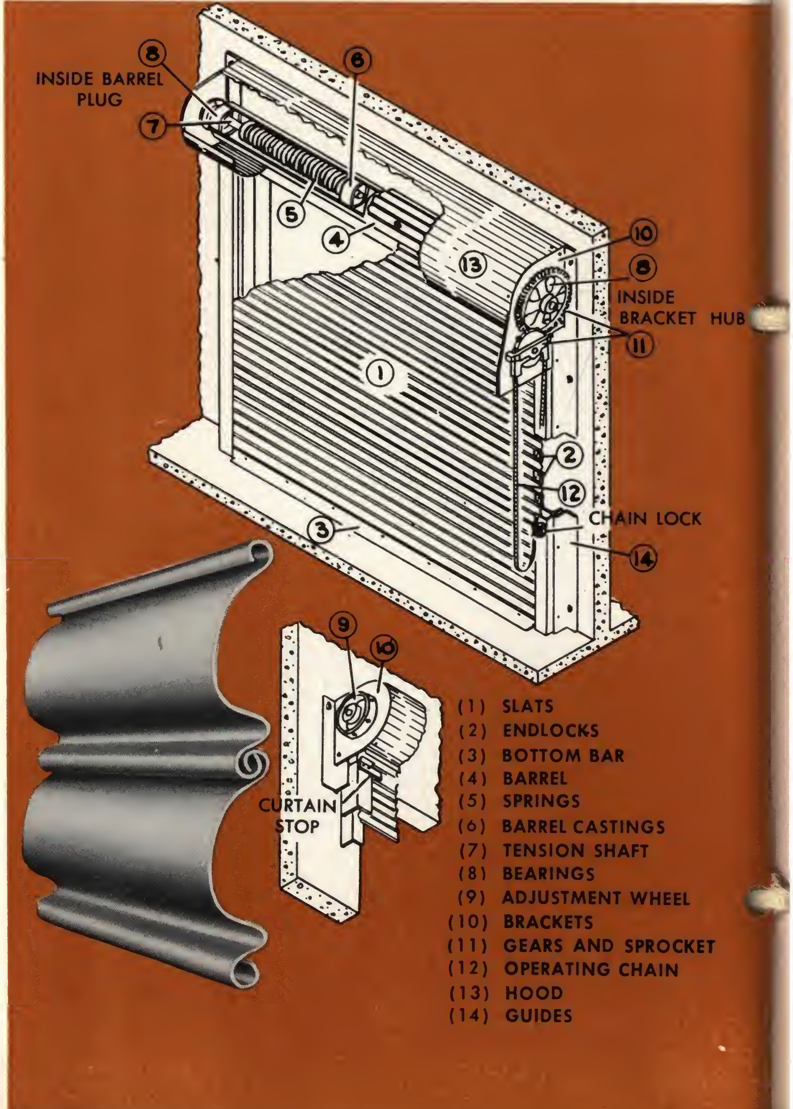
(a) Manually operated doors shall be provided with slide bolts on the bottom bar.

(b) Chain operated doors shall be provided with a cast iron keeper and pin for securing the hand chain.

(c) Crank operated doors shall be provided with a means for securing the operating shaft.

PAINT

All parts of the door except bearing surfaces shall receive one shop coat of rust-inhibiting metal primer.

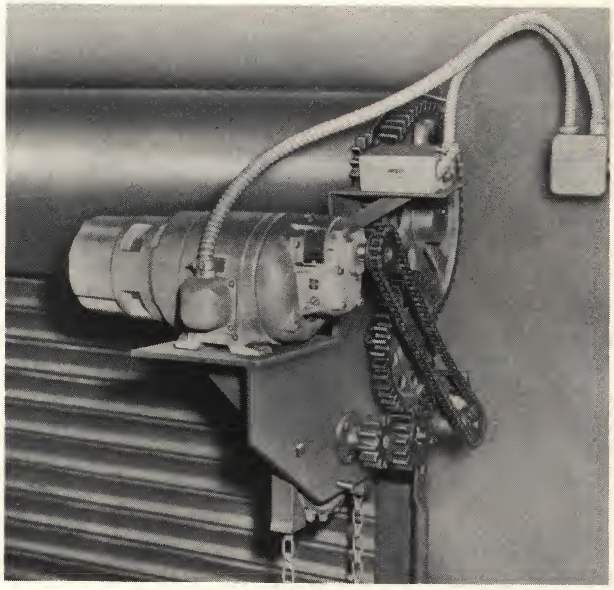


(1) SLATS
(2) ENDLOCKS
(3) BOTTOM BAR
(4) BARREL
(5) SPRINGS
(6) BARREL CASTINGS
(7) TENSION SHAFT
(8) BEARINGS
(9) ADJUSTMENT WHEEL
(10) BRACKETS
(11) GEARS AND SPROCKET
(12) OPERATING CHAIN
(13) HOOD
(14) GUIDES

Power Operation

Use

"Pacific" automatic power units can be provided for almost any installation. Operation is similar to that of an automatic elevator. A momentary contact of the "Open" or "Close" button of the three-button push button station causes the door to revert to either the fully open or closed position at which point it is automatically stopped by a geared type limit switch. The door may be stopped at any point in either the opening or closing cycle by use of the "Stop" button. Over a period of time where a door is in frequent use, many man hours can be saved by the installation of these power drives.



Controls

In addition to the gear motor, each standard power unit includes a magnetic brake, a magnetic reversing starter with built in overload protection, a geared limit switch and one three-button push button station. Where control of power-operated doors is desired from the exterior of the building, key operated watertight push button stations can be provided. Special control systems can be provided to suit almost any individual requirement.

Emergency Operator

Each power unit is provided with a standby emergency hand chain operator for use in case of power failure. By moving a lever, operable from the floor level, the motor unit is completely disengaged from the gear train of the door and the hand operator is engaged. This distinct feature provides a positive mechanical interlock between power and hand operation as well as allowing the motor to be completely removed, if necessary, without affecting the hand operation of the door.

Safety Device

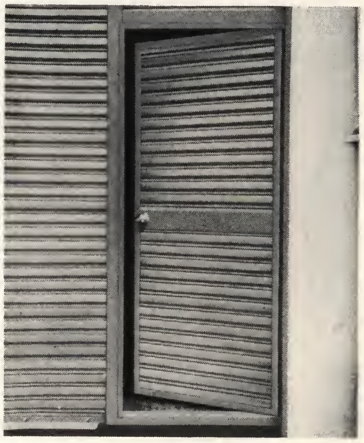
Where desired, and at additional cost, power operated doors can be furnished with a safety device consisting of a highly sensitive compressible tube weatherstrip across the bottom of the door. Upon contacting any obstruction during the closing cycle, the weatherstrip compresses and automatically stops the door or reverts it to its full open position.

Mounting

"Pacific" power units may be mounted alongside, above, below, or in front of the operating bracket. For doors mounted on the exterior side of the wall, power units may be mounted on the inside with a through-wall drive.

Optional Equipment

Wicket Doors



Where desired a wicket or pass door can be provided in the larger rolling door. This is often used where the only entry to a building is through the main door. Since an entry is hereby provided for personnel, many needless operations of the large door are omitted. The wicket door frame is constructed of angle iron and fitted with a sturdy latch and cylinder lock. The panel of the door is constructed of the same slats as the large door, and thereby blends into it, giving a uniform appearance. When the main door is raised, the wicket door and its frame swing back against the wall and completely clear the opening.

Weatherstripping

At additional cost, added weatherstripping devices can be furnished for use in extreme moisture or dust conditions. The bottom bars may be provided with rubber astragals. Jambs may be weatherstripped through the use of specially designed endlocks and combination spring bronze neoprene fabric weatherstrips. Hoods may be weatherstripped by the use of neoprene baffles.

Movable Intermediate Mullions

Where extremely wide openings are desired to be split into several doors rather than a single large door, for economy or other purposes, intermediate mullions are provided. The doors can be operated individually or when the full clear opening is to be used, the doors are raised and the mullions moved from the opening by one of several methods. Sliding mullions are pushed to the side of the opening. Pivoted mullions are swung up into the interior by a drum hoist or block and tackle. Small mullions may be lifted out and removed.

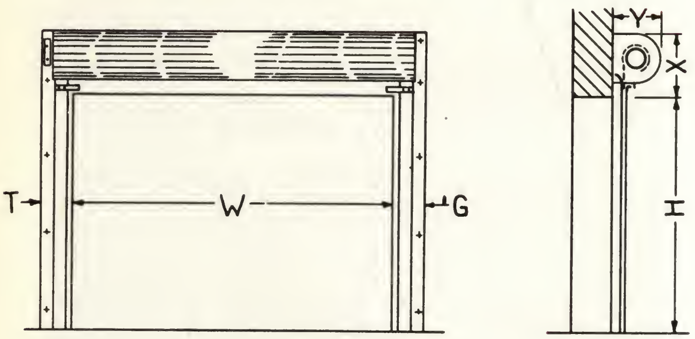
Windlocks

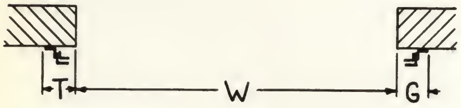
Windlocks are specially designed slat lugs which engage locking bars in the guides and prevent the curtain leaving the guides under excessive wind pressure. Windlocks are furnished as standard equipment on doors over 20'6" wide containing an area of 360 sq. ft. or over, and on all doors 24'0" wide and over. Windlocks may be provided on smaller doors at additional cost.

STEEL AND ALUMINUM ROLLING SERVICE DOORS

Interior Mounted Doors

Manually Operated—Face Mounted



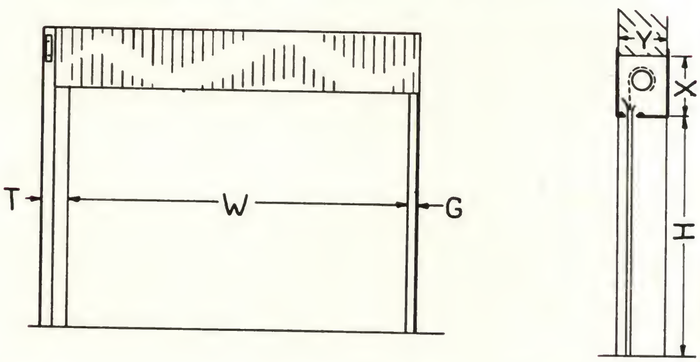


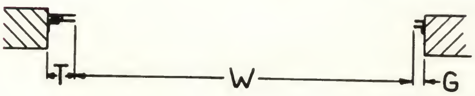
Model PF-10

Dimensions in Inches

Height 'H' ft.	to 6				to 8				to 10				to 12			
Width 'W' ft.	X	Y	T	G	X	Y	T	G	X	Y	T	G	X	Y	T	G
to 8............	15	12	6	6	16	13	6	6	17	14	6	6	18	15	6	6
to 12............	15	12	6	6	17	14	6	6	18	15	6	6	19	16	6	6

Manually Operated—Jamb Mounted



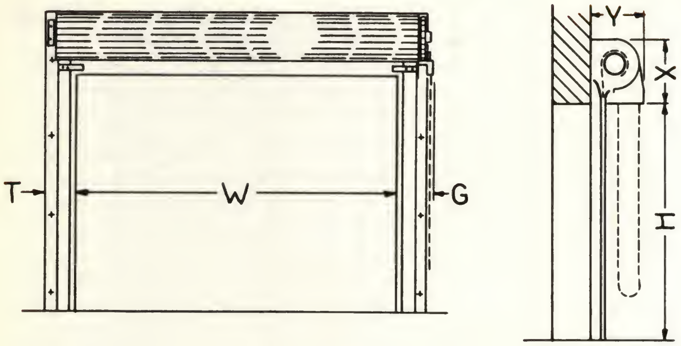


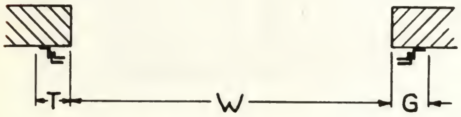
Model PJ-10

Dimensions in Inches

Height 'H' ft.	to 6				to 8				to 10				to 12			
Width 'W' ft.	X	Y	T	G	X	Y	T	G	X	Y	T	G	X	Y	T	G
to 8............	15	12	6	4	16	13	6	4	17	14	6	4	18	15	6	4
to 12............	15	12	6	4	17	14	6	4	18	15	6	4	19	16	6	4

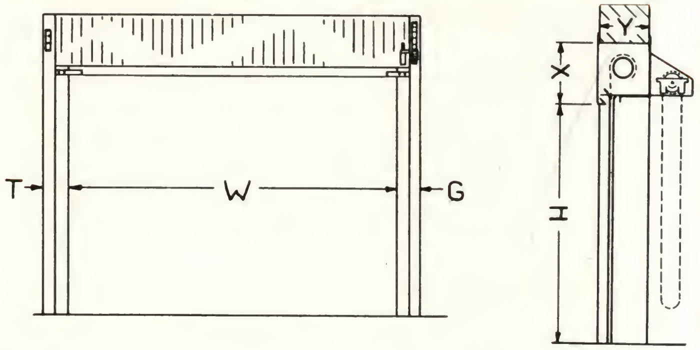
Chain Operated—Face Mounted

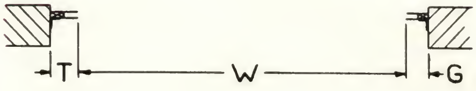




Model CF-10

Chain Operated—Jamb Mounted



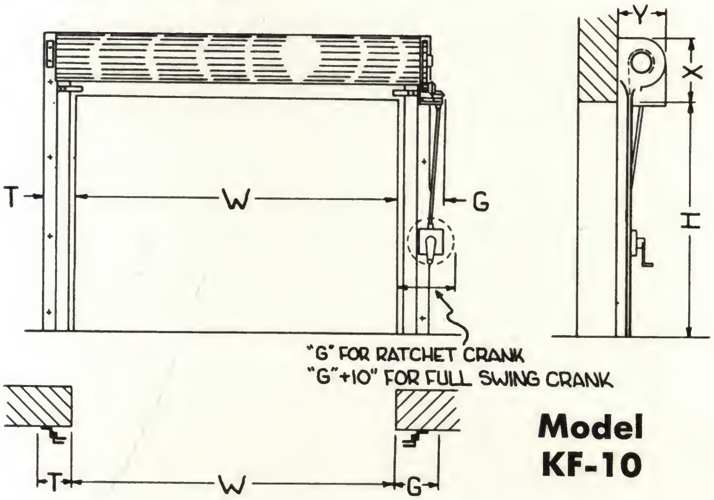


Model CJ-10

Dimensions in Inches

Height 'H' ft.	to 7				to 10				to 12				to 14				to 16				to 18				to 20				to 22			
Width 'W' ft.	X	Y	T	G	X	Y	T	G	X	Y	T	G	X	Y	T	G	X	Y	T	G	X	Y	T	G	X	Y	T	G	X	Y	T	G
to 13............................	15	15	6	7	16	16	6	7	17	16	6	7	18	17	6	7	21	20	6	7	24	23	7	9	25	24	7	9	25	24	7	9
to 16............................	16	16	7	8	17	16	7	8	18	16	7	8	19	17	7	8	23	22	7	8	25	24	8	9	27	25	8	9	27	25	8	10
to 20............................	16	16	7	8	18	17	7	8	20	18	7	8	22	21	7	8	23	22	7	8	25	24	8	10	27	25	8	10	27	25	9	10
to 24............................	18	17	8	8	20	18	8	9	21	20	8	9	22	21	8	10	23	22	8	10	25	24	9	10	27	25	9	11	27	25	9	11

Crank Operated—Face Mounted

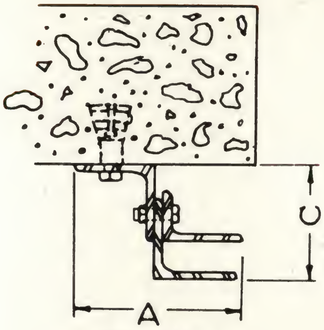


Model KF-10

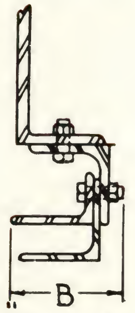
Dimensions in Inches

Height 'H' ft.	to 7				to 10				to 12				to 14				to 16			
Width 'W' ft.	X	Y	T	G	X	Y	T	G	X	Y	T	G	X	Y	T	G	X	Y	T	G
to 13........	15	15	6	9	16	16	6	9	17	16	6	9	18	17	6	9	21	21	6	9
to 16........	16	16	7	10	17	16	7	10	18	17	7	10	19	17	7	10	23	22	7	10
to 20........	16	16	7	10	18	17	7	10	20	18	7	10	22	21	7	10	23	22	7	10

Door Guides



"Z" Guide



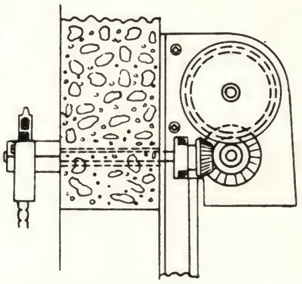
"U" Guide

Dimensions in Inches

Width Ft.	A in.	B in.	C in.
To 13 incl...........................	5¼	3¼	3½
13 to 19.............................	5¾	3¾	4
19 to 25.............................	6¾	4¼	5
25 to 30.............................	7¾	4¾	6
Over 30.............................		CONSULT FACTORY	

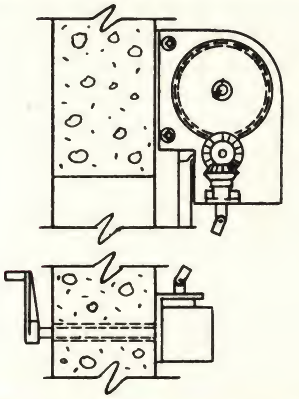
Exterior Mounted Doors

Chain Operated—Through Wall



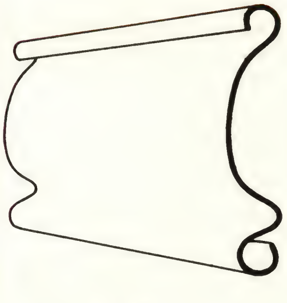
Model CF-30

Crank Operated—Through Wall

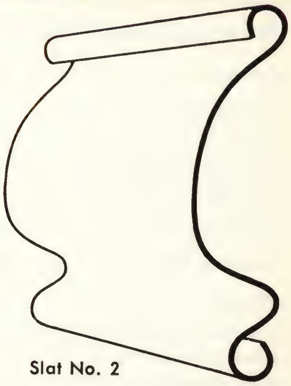


Model KF-30

Curtain Slats



Slat No. 1



Slat No. 2

Dimensions in Inches

Slat	Material	Gauge	Cen. to Cen.	Depth of Crown
Slat No. 1....	Steel	20 and 22	2 in.	½ in.
	Aluminum	18	2 in.	½ in.
Slat No. 2....	Steel	18 and 20	2¾ in.	⅞ in.
	Aluminum	18 and 16	2¾ in.	⅞ in.

STEEL AND ALUMINUM ROLLING GRILLES

Use

"Pacific" rolling grilles are designed to afford secure protection of openings without interfering with light, vision, and ventilation. While most commonly used in schools, markets, counters, and store entrances, they are readily adaptable to almost any type of use.

Specifications

In general the specifications for "Pacific" rolling grilles are essentially the same as those listed for "Service Doors" with the following exceptions:

Steel Grilles

Curtain — Curtain shall be composed of $\frac{5}{16}$" round hard drawn galvanized steel bars running horizontally and spaced at not over 1½" vertical centers. Horizontal bars shall be flexibly connected by ⅛" x ¾" galvanized steel vertical links, spaced not over 7" on centers. Grille shall be provided with galvanized steel endlinks which shall engage in guides and prevent pulling out under excessive pressures.

Guides — Shall be fabricated from steel plates and shapes and shall be equipped with double locking bars to engage endlinks of grille.

Locking Devices — Standard locking devices shall be as specified for service doors. For manually operated grilles a center cylinder type locking device, operable from both sides, may be provided at additional cost.

Paint — Galvanized steel grille curtains are normally furnished unpainted.

Other parts of grille shall receive standard prime paint.

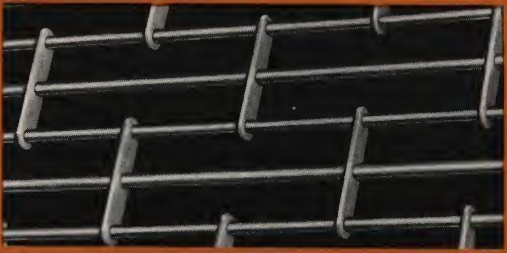
Aluminum Grilles

Curtain — Shall be as specified for steel grilles except that horizontal bars, vertical links and bottom bars shall be of aluminum.

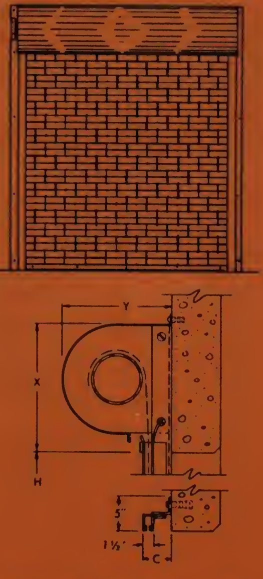
Guides — Shall be as specified for steel grilles except that guides shall be fabricated from aluminum. In cases where grille guides are concealed, steel guides may be furnished.

Locking Devices — As specified for steel grilles.

Finish — Aluminum grille curtains can be furnished in standard mill finish or in an etched alumilite finish at additional cost. The alumilite finish is recommended wherever the grilles are exposed to the weather or it is desirable to maintain the lustre of the finish.

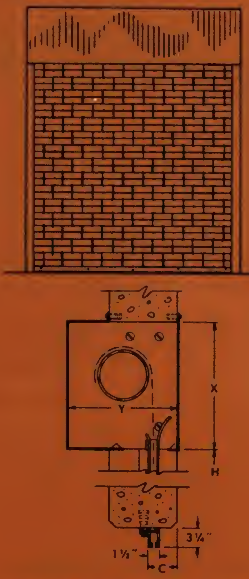


Face Mounted



Model PFG-10

Jamb Mounted



Model PJG-10

Height—H	To 6'0"	To 8'0"	To 10'0"	To 12'0"
X	16"	18"	19"	20"
Y	14"	16"	17"	18"
C	2½"	3"	3½"	4"

Manual operation not recommended for sizes over 80 sq. ft. in steel grilles, or over 120 sq. ft. for aluminum grilles.

Larger size grilles available in chain, crank, or motor operation.

LABELLED STEEL ROLLING FIRE DOORS

Selection

Label Classification

"Pacific" fire doors are classified by the Underwriter's Laboratories as follows:

Class "A"—Openings in fire walls
Class "B"—Openings in vertical shafts
Class "C"—Openings in corridors or room partitions
Class "D"—Openings in exterior walls subject to fire exposure

All doors not exceeding 120 sq. ft. in area or 12 ft. in either dimension shall be provided with the Underwriter's Label for the appropriate type of use. Doors exceeding these size limitations, but not exceeding 576 sq. ft. in area or 24 ft. in either dimension may be provided with the Underwriter's Laboratories "Certificate of Inspection for Oversize Doors".

Operation

All doors for Class "A", "B", or "C" openings shall be automatic closing in the event of fire. Doors for Class "D" openings shall be automatic or non-automatic closing subject to local fire regulations. Service operation of doors not exceeding 80 sq. ft. in area shall be manual by means of handles on the bottom bar. Larger doors shall be service operated by means of a hand chain and reduction gearing or by a hand crank and reduction gearing. Doors up to 120 sq. ft. in area may be manually operated in cases where concealment of the mechanism is important and where the door is to be normally open, not requiring service use.

Double Doors

Class "A" openings should normally be provided with double doors. Other classes of openings are normally provided with single doors. Since fire protection regulations vary considerably in different localities, local authorities should be consulted to determine the exact number and type of doors required for a particular class of risk.

Mounting

The various types of mountings can be utilized to best suit the particular structural conditions involved or the degree of concealment desired. Doors which are concealed above the ceiling should be provided with access panels for servicing and testing purposes.

Use

"Pacific" automatic steel rolling fire doors are designed for use on openings where fire protection is the prime consideration. The doors are rugged in construction and provide a high degree of resistance to fire for long periods of time.

Advantages

Underwriter's Labelled

"Pacific" fire doors have been tested and approved by the Underwriter's Laboratories and bear the appropriate Label for each type of use.

Dual Purpose

While "Pacific" fire doors are primarily designed for the protection of openings against fire, each door may be operated for service use at any time. Service use of the doors does not interfere with the automatic closing mechanism in any way.

Automatic Closing Mechanism

The superior automatic closing device provided on "Pacific" fire doors is actuated by a 160° F. fusible link. Upon fusing of the link the mechanism drives the door to a fully closed position and insures positive closure at all times. All automatic closing doors are provided with a safety governor which controls the rate of descent during automatic closure.

Space Saving

Due to the basic construction of this type door, "Pacific" fire doors may be installed in almost any size or type of opening. Clearance requirements are considerably less than those required by other types of fire doors and as a result very compact installations can be achieved without utilizing valuable wall or floor space.

Concealment

In buildings such as hotels, hospitals, and retail stores, where appearance is a prime consideration, almost complete concealment of the doors may be effected by mounting the doors above the ceiling or recessing into the walls. For particularly unusual or difficult installations, consult "Pacific's" engineering department for further information.

Insurance Savings

On both new construction as well as existing buildings, the installation of "Pacific" labelled fire doors often results in a considerable reduction in fire insurance rates.

LABELLED STEEL ROLLING FIRE DOORS

Specifications

Operation — Doors shall be manually operated by means of handles on the bottom bar (not recommended for openings over 80 sq. ft. in area) or through reduction gearing by means of a hand chain or hand crank.

Curtain — Shall be composed of interlocking slats rolled from hot galvanized strip steel. Slats shall be fitted with malleable iron endlocks. Gauge of metal and type of endlocks shall be as required by the Underwriter's Laboratories standards. Bottom bar shall be composed of two steel angles not less than ⅛" in thickness and shall have provision for expansion at all assembly bolts.

Automatic Closing Device — Shall be thermally controlled by means of a fusible link. Upon fusing of the link, the door shall be forced to a fully closed position by means of an independent auxiliary spring contained within the barrel. After automatic closure the door shall not be difficult to reset. Permanent adjustment of the main counterbalance spring shall not be affected by automatic closure.

Safety Governor — All automatic closing fire doors shall be equipped with an automatic governor, inoperative during service operation, which shall limit the rate of descent of the curtain during automatic closure so as to prevent injury to persons accidentally in the opening.

Barrel and Counterbalance — Barrel shall be of steel pipe or casing of sufficient thickness to avoid deflection in excess of .03 inches per foot of span. Curtain weight shall be evenly balanced by helically wound torsion springs of oil-tempered spring wire. Counterbalancing springs shall be separate and independent of springs affecting automatic closure.

Bearings — Main door bearings shall be ball or roller bearings. All moving parts of the automatic closing mechanism shall be provided with non-ferrous bushings or bearings.

Brackets — Shall be fabricated from steel plate of sufficient thickness to safely support the full door load and of such size and shape as required by the door size and mounting conditions.

Hoods — Curtain coil shall be enclosed by a sheet metal hood of not less than No. 24 U.S. gauge. For Class "A", "B", and "C" doors, hood shall be equipped with a flame and smoke baffle which shall close against the curtain coil when thermally released.

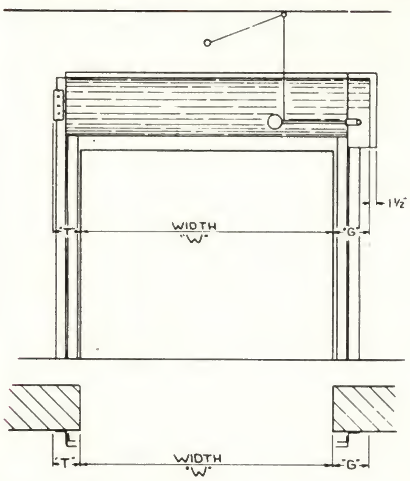
Guides — Shall be fabricated from steel angles or plates not less than $\frac{3}{16}$" thick and shall have provision for expansion at all assembly bolt connections and wall bolt connections. Wall bolts shall be spaced at not over 18" on centers.

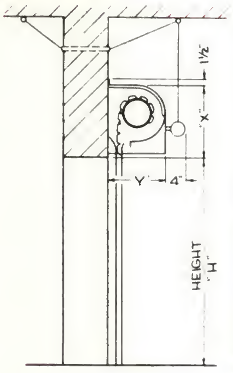
Paint — All parts of the door except bearing surfaces shall receive one shop coat of rust-inhibiting metal primer.

Installation — Doors shall be installed by the manufacturer or his authorized representative and all work shall be in accordance with factory standards.

Single Doors

Manually Operated—Face Mounted



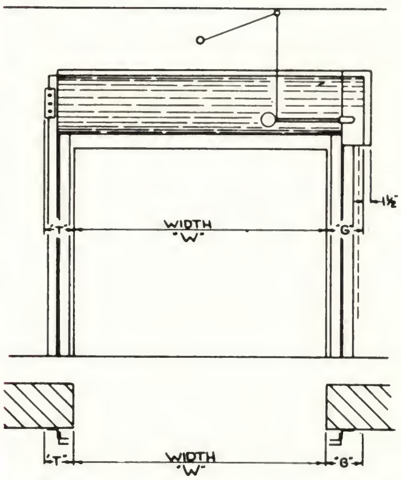


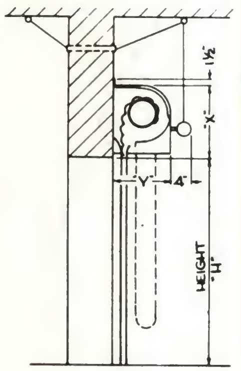
Model PFL-50

Dimensions in Inches

HEIGHT	TO 6'				TO 8'				TO 10'				TO 12'			
WIDTH	X	Y	T	G	X	Y	T	G	X	Y	T	G	X	Y	T	G
TO 4'	19	17	6	7	19	17	6	7	19	17	6	7	19	17	6	7
TO 8'	19	17	6	7	19	17	6	7	19	17	6	7	19	17	6	7
TO 10'	19	17	6	8	19	17	6	8	19	17	6	8	19	17	6	8
TO 12'	19	17	6	8	19	17	6	8	19	17	6	8	19	17	6	8

Chain Operated—Face Mounted



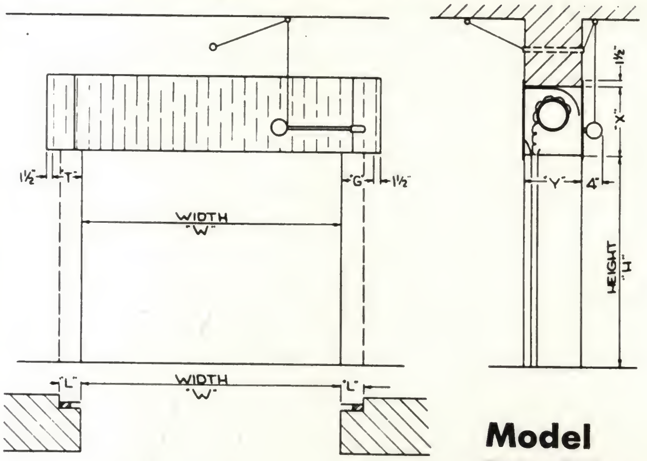


Model CFL-50

Dimensions in Inches

HEIGHT	TO 6'				TO 8'				TO 10'				TO 12'			
WIDTH	X	Y	T	G	X	Y	T	G	X	Y	T	G	X	Y	T	G
TO 4'	19	17	6	10	19	17	6	10	19	17	6	10	19	17	6	10
TO 8'	19	17	6	10	19	17	6	10	19	17	6	10	19	17	6	10
TO 10'	19	17	7	11	19	17	7	11	19	17	7	11	19	17	7	11
TO 12'	19	17	7	11	19	17	7	11	19	17	7	11	19	17	7	11

Manually Operated—Jamb Mounted

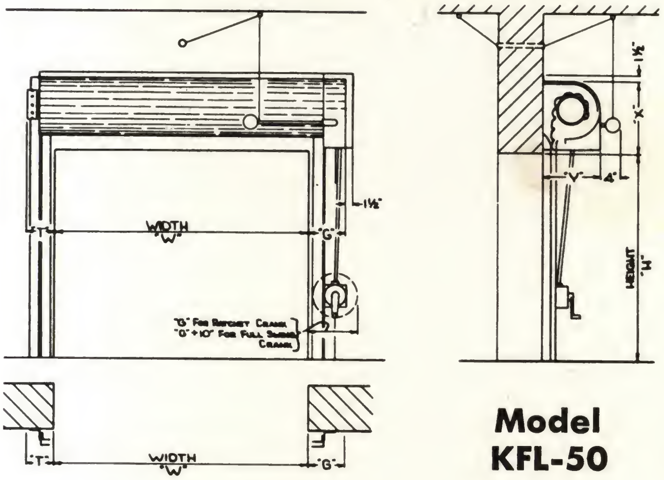


Model PJL-50

Dimensions in Inches

HEIGHT	TO 6'					TO 8'					TO 10'				
WIDTH	X	Y	T	G	L	X	Y	T	G	L	X	Y	T	G	L
TO 4'	19	17	6	7	4	19	17	6	7	4	19	17	6	7	4
TO 8'	19	17	6	7	5	19	17	6	7	5	19	17	6	7	5
TO 10'	19	17	6	8	5	19	17	6	8	5	19	17	6	8	5
TO 12'	19	17	6	8	5	19	17	6	8	5	19	17	6	8	5

Crank Operated—Face Mounted



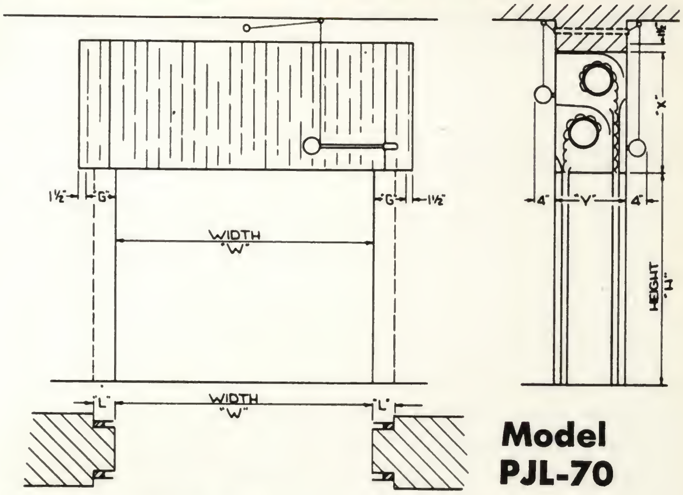
Model KFL-50

Dimensions in Inches

HEIGHT	TO 6'				TO 8'				TO 10'				TO 12'			
WIDTH	X	Y	T	G	X	Y	T	G	X	Y	T	G	X	Y	T	G
TO 4'	19	17	6	10	19	17	6	10	19	17	6	10	19	17	6	10
TO 8'	19	17	6	10	19	17	6	10	19	17	6	10	19	17	6	10
TO 10'	19	17	7	11	19	17	7	11	19	17	7	11	19	17	7	11
TO 12'	19	17	7	11	19	17	7	11	19	17	7	11	19	17	7	11

Double Doors

Manually Operated Superimposed Jamb Mounted

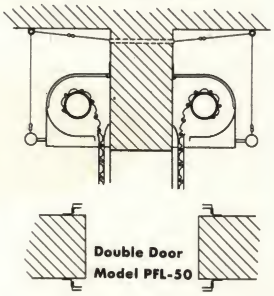


Model PJL-70

Dimensions in Inches

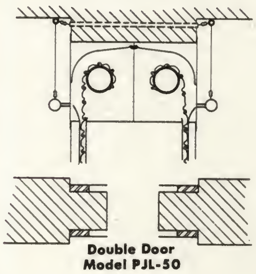
HEIGHT	TO 6'				TO 8'				TO 10'			
WIDTH	X	Y	G	L	X	Y	G	L	X	Y	G	L
TO 4'	29	18	7	4	30	18	7	4	32	19	7	4
TO 8'	29	18	7	5	30	18	7	5	32	19	7	5
TO 10'	29	19	8	5	30	19	8	5	32	20	8	5
TO 12'	29	19	8	5	30	19	8	5	32	20	8	5

Manually Operated Face Mounted



Double Door Model PFL-50

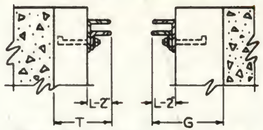
Manually Operated Jamb Mounted



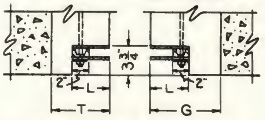
Double Door Model PJL-50

Jamb Mounting Details

DOOR GUIDES

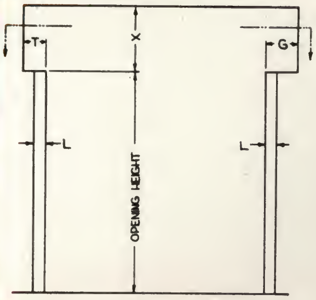


Projecting Type



Recessed Type

OPENING



PACIFIC
ROLLING DOORS

Extruded Aluminum Counter Doors

Use

"Pacific" aluminum counter doors are specifically designed for use on counter openings where appearance, cleanliness and ease of operation are the foremost requirements. Proven applications include Cafeterias, Concession Counters, Bars, Ticket Windows and many other varied uses.

Advantages

"Pacific's" extruded slat design embodies many features not found in ordinary rolled slat counter doors.
Extruded slats are exactly identical in shape and correspondingly provide perfect interlocking ball and socket joints which produce added ease of operation. The use of extruded slats also permits varying the thickness of the section in order that added metal may be provided at the stress and wear points without sacrificing the overall lightweight construction.

The completely flat exterior surface of the "Pacific" slat not only is neat and modern in appearance but eliminates dirt collecting grooves and ridges.

The "Etched Alumilite" finish on all "Pacific" counter doors resists corrosion, chipping and scratching, as well as providing a beautiful appearance.

Specifications

Operation — Doors 12′0″ wide and under shall be manually operated by means of lifting handles on the bottom bar. Doors over 12′0″ wide shall be mechanically operated by means of a hand crank with a removable operating arm.

Curtain — Shall be composed of flat faced interlocking extruded aluminum slats, 1 ½″ wide with a depth of crown of not less than ⅜″. Material thickness on slat face shall be not less than .050″. Alternate slats shall be fitted with cast aluminum endlocks at each end. Bottom bar shall be composed of extruded aluminum shapes.

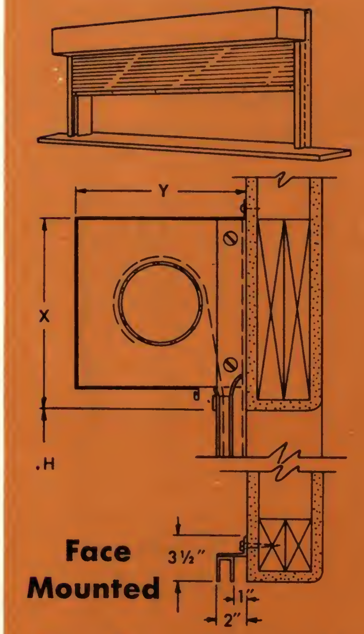
Barrel and Counterbalance — Barrel shall be of steel pipe or casing of sufficient size to avoid deflection in excess of .03 inches per ft. of opening width. Barrel shall enclose counterbalance unit consisting of oil tempered helically wound torsion springs. Barrel shall rotate on two grease sealed ball or roller bearing units.

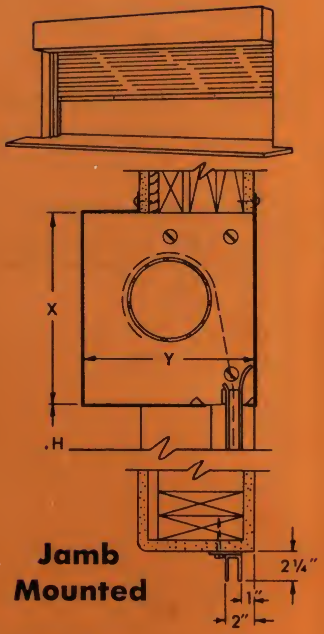
Hood — Shall be of not less than 22 ga. aluminum, neatly formed with beads or flanges to prevent deflection.

Guides—Shall be fabricated of extruded aluminum shapes with a clear depth of groove of not less than 1 ⅞″.

Locking Device — Shall consist of aluminum slide bolts located on the bottom bar.

Finish — All aluminum parts shall receive a satin finish "Etched Alumilite" finish. All other parts shall receive one shop coat of aluminum paint.





Note: For crank operated doors allow 4″ additional sideroom on one side.

Height—H	To 5′0″	To 7′0″
X	12″	14″
Y	11″	12″

Opening widths up to 20′0″

PACIFIC ROLLING DOOR COMPANY

400 Derby Avenue
Oakland 1, California
Telephone KE 3-1767

DISTRIBUTORS IN PRINCIPAL CITIES

Digitized by:

INTERNATIONAL

ASSOCIATION
FOR
PRESERVATION
TECHNOLOGY,
INTERNATIONAL
www.apti.org

BUILDING
TECHNOLOGY
HERITAGE
LIBRARY

https://archive.org/details/buildingtechnologyheritagelibrary

From the collection of:

Carol J. Dyson, AIA